Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Tuesday 10 Oct 2023 until 23:59 on Wednesday 11 Oct 2023

Forecast Issued on Tuesday 10 Oct 2023 at 00:21

Confidence: High for windy but mainly dry weather on Tuesday then for changeable conditions for the rest of the week. Low confidence for the extent and timings of rain on Wednesday and Friday.

Headline for Tuesday 10 Oct 2023: Mainly dry and bright and feeling warm for October. Breezy.

Mountain weather hazards on Tuesday 10 Oct 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Sunny intervals	Sunny intervals	Sunny intervals	Cloudy	Fog
Precipitation probability					
<05%	00%	<05%	10%	20%	20%

Forecast for Tuesday 10 Oct 2023

Weather: Dry and bright, but high cloud will make the sunshine rather hazy. Feeling very warm for October. Turning cloudier in the evening with the odd shower.

Chance of cloud-free hill tops above 600m: 90%, becoming 30% in the evening.

Low cloud and visibility: Mainly good visibility although a haze will obscure more distant views. Patchy low cloud at first will clear through the morning but low cloud and fog becoming extensive in the evening above 400-500m, especially over western hills.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Mountain Weather Forecast

Forecast for Tuesday 10 Oct 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	13/16 SW	17/23 SW	22/28 SW	25/33 SW	28/37 SW	31/41 SW	31/43 SW
300	5/7 S	7/13 S	17/22 SW	18/25 SW	20/30 SW	21/32 SW	22/33 SW
Valley	3/8 SE	4/15 S	9/19 SW	10/23 SW	13/28 SW	14/30 SW	15/32 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	16/13	16/13	16/11	15/10	13/8	12/8	12/7
300	16/15	17/16	18/14	18/14	15/12	14/11	14/10
Valley	14/14	16/16	18/17	18/16	16/14	15/13	14/12
Freezing Level*	3400m	3200m	3100m	3200m	2900m	2700m	2800m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A windy day with gusts of 35 to 45mph on the tops. Feeling unseasonably warm with highs of 22 Celsius at low levels in the east. Deteriorating conditions in the evening will make navigation more difficult.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Tue 10 Oct 2023	N/A	N/A	N/A

Forecast for Wednesday 11 Oct 2023

Weather: Outbreaks of rain arriving overnight and continuing through the morning, heavy and possibly thundery at times. Becoming dry and bright with sunny spells later in the afternoon.

Maximum wind: West or southwest 25 to 30mph, gusts 40-45mph, becoming Northwesterly 20mph gusts 30mph in afternoon.

Chance of cloud-free hill tops above 600m: 20% overnight and during the morning, becoming 90% later in the afternoon.

Low cloud and visibility: Poor visibility during the morning and early afternoon with extensive cloud and fog above 400m and patches on lower slopes. Visibility becoming excellent with cloud lifting above the summits later in the afternoon.

Temperature: **Valleys:** 13 or 14C.
At 600m: 11C, falling to 7C.
Freezing level: Above summits.

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